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IN THE CLAIMS:

- 1 1. (currently amended) A video system comprising:
 - 2 a system controller module, consisting of one receiver, operative to
 - 3 receive and process one or more input signals to provide one or more video
 - 4 files, wherein the system controller module provides a user-selectable
 - 5 option of editing one or more sections of the one or more video files, and
 - 6 wherein the system controller module does not include a separate program
 - 7 information receiver, and does not include a temporary recording
 - 8 controller;
 - 9 an internal fixed storage device operatively coupled to the system
 - 10 controller module, wherein the internal fixed storage device is configured
 - 11 to store the one or more video files from the system controller module; and
 - 12 an internal removable media storage device operatively coupled to
 - 13 the system controller module, wherein the internal removable media
 - 14 storage device is configured to store the one or more video files from the
 - 15 system controller module or the internal fixed storage device.
- 1 2. (original) The video system of claim 1, wherein the system controller
- 2 module includes:
 - 3 a tuner configured to receive and process the one or more input
 - 4 signals and provide video information,
 - 5 a processing module coupled to the tuner, wherein the processing
 - 6 module is configured to receive and process a signal from the tuner and to
 - 7 provide an output video signal, and
 - 8 a memory unit configured to store the one or more video files.
- 1 3. (original) The video system of claim 2, wherein the system controller
- 2 module further includes:
 - 3 a decoder coupled to the tuner, wherein the decoder is configured to
 - 4 receive and decode video data from the tuner to provide a decoded file.

1 4. (original) The video system of claim 3, wherein the system controller
2 module further includes:

3 a coder/decoder (Codec) operatively coupled to the decoder,
4 wherein the coder/decoder is configured to receive and compress the
5 decoded file to provide a compressed video file suitable for storage to the
6 internal fixed storage device or the internal removable media storage
7 device.

1 5. (original) The video system of claim 4, wherein the Codec is configured
2 to compress the decoded file in accordance with a particular compression
3 algorithm selected from among a plurality of available compression
4 algorithms.

1 6. (original) The video system of claim 5, wherein the particular
2 compression algorithm is user-selectable.

1 7. (original) The video system of claim 1, wherein the system controller
2 module is further configurable to receive and process one or more video
3 files from the internal fixed storage device or the internal removable media
4 storage device.

1 8. (original) The video system of claim 1, wherein the system controller
2 module is further configurable to capture an interval of a particular input
3 signal and to store the captured data within a video file suitable for replay
4 at a later time.

1 9. (original) The video system of claim 8, wherein the interval of a
2 particular input signal is user-selectable.

1 10. (original) The video system of claim 1, wherein the system controller
2 module is further configurable to capture selected sections of a particular

- 3 input signal and to store the selected sections of a particular input signal
 - 4 within a video file suitable for replay at a later time.
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- 1 11. (original) The video system of claim 10, wherein the selected sections
 - 2 of the input signal do not include advertisements.
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- 1 12. (previously presented) The video system of claim 1, wherein the
 - 2 system controller module is further configurable to manipulate sections of
 - 3 at least one video file using optimized head movement via a set of
 - 4 functions.
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- 1 13. (original) The video system of claim 12, wherein the set of functions
 - 2 includes functions selected from the group of functions consisting of cut,
 - 3 copy, paste, or a combination thereof.
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- 1 14. (original) The video system of claim 1, wherein each video file is
 - 2 stored to the internal fixed storage device as one or more records.
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- 1 15. (withdrawn) A method for storing video data to a storage device,
 - 2 comprising:
 - 3 forming one or more records implemented as a link list, wherein
 - 4 each record includes a first field for storing an address of a next record, if
 - 5 one exists, and a second field for storing at least a portion of the video data.
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- 1 16. (withdrawn) The method of claim 15, wherein the one or more records
 - 2 are implemented as a doubly-linked list, and wherein each record further
 - 3 includes a third field for storing an address of a previous record, if one
 - 4 exists.
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- 1 17. (withdrawn) The method of claim 15, further comprising:

2 writing records for a first video file to a first area of the storage
3 device; and

4 reading records for a second video file from a second area of the
5 storage device.

1 18. (withdrawn) The method of claim 17, wherein the writing and reading
2 functions are substantially performed concurrently.

1 19. (withdrawn) The method of claim 18, further comprising:
2 synchronizing the writing and reading of the storage device.

1 20. (withdrawn) The method of claim 15, wherein the storage device
2 includes a plurality of platters, each platter includes a plurality of tracks,
3 and corresponding tracks on the plurality of platters comprise a cylinder.

1 21. (withdrawn) The method of claim 20, further comprising:
2 reading records for a first video file from a particular track on a first
3 platter of a particular cylinder; and
4 writing records for a second video file to a corresponding track on a
5 second platter of the particular cylinder.

1 22. (withdrawn) The method of claim 20, wherein each track includes a
2 plurality of sectors, and wherein each record is stored to one or more
3 sectors on one or more tracks.

1 23. (withdrawn) The method of claim 22, wherein each record is
2 partitioned into one or more sections, and wherein each section is stored to
3 a respective sector of the storage device.

1 24. (withdrawn) The method of claim 22, wherein the one or more sections
2 for each record are implemented as a doubly-linked list.

1 25. (withdrawn) The method of claim 22, wherein each record is stored as
2 a selectable number of sectors of the storage device.

1 26. (withdrawn) A video recording storage system, comprising:
2 a media content delivery system;
3 a first switch, coupled to the media content delivery system;
4 a second switch including a cable modem termination system,
5 wherein the second switch is coupled to the first switch;
6 a block splitter, coupled to the second switch and the cable modem
7 termination system;
8 one or more cable modems, wherein the one or more cable modems
9 are coupled to the block splitter;
10 one or more personal computers, coupled to the one or more cable
11 modems, respectively; and
12 one or more displays, coupled to the one or more personal
13 computers, respectively.

1 27. (withdrawn) The video recording storage system of claim 26, further
2 comprising a cable modem and a PowerTV operating system inside a
3 commercially available system.